

ARC PILOT INSTALLATION AND TROUBLESHOOTING

Cimarron ARC Pilot Igniter Installation

- 1) Mount igniter unit on supplied mounting bracket or on a vertical surface away from heat. Also refer to ARC Troubleshooting Guide Document 1200-100 for more information.
- 2) Cut and install conduit and connectors.
- 3) Refer to Schematic A and follow the instructions below:
 - a) Cut the igniter wire and to the length needed and run it inside the conduit and connect the igniter wire with female spade connector to the coil inside the ARC.
 - b) If using a solar panel, run the wire through the liquid tight fitting on the bottom of the unit and attach to the positive and negative solar terminals of the terminal block marked "Solar".
 - c) Install electrode Igniter to cleanly grounded $\frac{1}{2}$ " pipe (Igniter Tip should be a $\frac{1}{4}$ " inside pilot rosebud and $\frac{3}{32}$ " to $\frac{5}{32}$ " away from sidewall of rosebud).
 - d) Connect electrode to the end of the igniter wire.
- 4) Check wiring to ensure proper connection and connect the battery to test the unit.

Note: It is the Installer's/User's responsibility to adhere to all Local, State and Federal codes for wiring and gas connections.

ARC Troubleshooting

Refer to ARC Troubleshooting Guide Document 1200-100.

Schematic A - Wiring Diagram for ARC and ARC-D Systems

